

REMARKS/ARGUMENTS

Favorable reconsideration of the present application is respectfully requested.

Claim 6 has been amended to correct the minor error noted in paragraph 1 of the Office Action.

Applicants wish to thank Examiners Mack and Noori for the courtesy of an interview on March 30, 2005 at which time the outstanding Office Action and applied art were discussed. At the conclusion of the interview, it was agreed that the outstanding rejection would be withdrawn.

As was discussed during the interview, Claims 1 and 11 recite an angle detection device and method wherein an excitation coil is arranged on a rotary shaft and detection coils having different phases are arranged near the excitation coil. According to a feature of the invention, a controller calculates a rotational angle from the detection voltages, and the amplitude of the excitation voltage is corrected to maintain each of the detection voltages at a predetermined value.

Claims 1, 5, 11, 14 and 15 were rejected under 35 U.S.C. § 102 as being anticipated by U.S. patent 5,522,269 (Takeda et al.). However, as was discussed during the interview, the coils 9 and 10 of Takeda et al are mounted to the casing 1 and not to the shaft 2 (Figure 14), and are not disclosed as having different phases. Additionally, there is no description in Takeda et al of calculating a rotation angle of the rotation shaft from the detection voltages. Instead, Takeda et al provides a calculated *torque* output at point J. It was therefore agreed that the claims define over this reference.

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Applicants therefore believe that the present application is in a condition for allowance and respectfully solicit an early notice of allowability.

Respectfully submitted,

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